

What is claimed is:

1. A touch control apparatus comprising:

a keyboard device which generates touch data
indicative of strength of keying power;

a touch curve memory which stores a touch curve
5 indicative of a correspondence relation of velocity
and touch data; and

a corrector which corrects velocity values of
said touch curve stored in said touch curve memory
based on said touch data generated by said keyboard
10 device to generate a new touch curve.

2. ~~The touch control apparatus according to claim 1,~~
further comprising:

7 a mode switch which switches an operation mode
of said touch control apparatus to a predetermined
5 operation mode,

wherein said corrector includes:

10 a correction coefficient generator which
generate a correction coefficient composed of a ratio
of one of said velocity values corresponding to one of
said touch data generated by said keyboard device
under said predetermined operation mode to a maximum
value of said velocity values; and

a touch curve generator which multiplies said
~~correction coefficient~~ generated by said correction
 15 coefficient generator by said velocity values to

3. The touch control apparatus according to claim 2, wherein said correction coefficient generator generate said correction coefficient composed of the ratio of one of said velocity values corresponding to one of said touch data generated by said keyboard device pushed with a fortissimo strength of the keying power under said predetermined operation mode to a maximum value of said velocity values.

~~a display device which displays the strength of the keying power when the key on said keyboard device is pushed.~~

a keyboard device which generates touch data
indicative of strength of keying power;

a corrector which corrects the correction values

stored in said correction curve memory based on said touch data generated by said keyboard device to generate a new correction curve.

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6. ~~The touch control apparatus according to claim 5,~~
further comprising:

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5 a mode switch which switches an operation mode of said touch control apparatus to a predetermined operation mode,

10 wherein said corrector, when said correction values corresponding to said touch data generated by said keyboard device under said predetermined operation mode is different from a predetermined standard value, corrects said correction curve stored in said correction curve memory such that said correction value is the predetermined standard value.

7. The touch control apparatus according to claim 6, wherein said corrector, when said correction values corresponding to said touch data generated by said keyboard device pushed with a mezzo forte strength of
5 the keying power under said predetermined operation mode is different from the predetermined standard value, corrects said correction curve stored in said correction curve memory such that said correction value is the predetermined standard value.

8. The touch control apparatus according to claim 7,
further comprising:

a display device which displays the strength of
the keying power when the key on said keyboard device
5 is pushed.

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9. ~~The touch control apparatus according to claim 8,~~
wherein said corrector includes:

an average calculator which calculates an
average touch data by averaging said touch data
5 generated by said keyboard device; and

a curve corrector which when said correction
values corresponding to said touch data generated by
said keyboard device is different from the average
touch data calculated by said average calculator,
10 corrects said correction curve stored in said
correction curve memory such that said correction
value is said average touch data.

10. The touch control apparatus according to claim 9,
further comprising:

a display device which displays the strength of
the keying power when the key on said keyboard device
5 is pushed.

11. A touch control method comprising:

generating touch data indicative of strength of

storing a touch curve indicative of a
correspondence relation of velocity and touch data;
and

712. ~~The touch control method according to claim 11,~~
further comprising:

wherein said correcting step ~~includes:~~

multiplying said correction coefficient
generated in said correction coefficient generating
step by said velocity values to generate the new touch
curve.

13. The touch control method according to claim 12,
wherein said correction coefficient generating step
generates said correction coefficient composed of a

operation mode,

5 wherein said correcting step, when said
correction value corresponding to said touch data
generated under said predetermined operation mode is
different from a predetermined standard value,
corrects said stored correction curve such that said
10 correction value is the predetermined standard value.

17. The touch control method according to claim 16,
wherein said correcting step, when said stored
correction values corresponding to said touch data
generated based on a mezzo forte strength of the
5 keying power under said predetermined operation mode
is different from the predetermined standard value,
corrects said stored correction curve such that said
~~correction value is the predetermined standard value.~~

18. The touch control method according to claim 17,
further comprising:

displaying the strength of the keying power when
said touch data is generated.

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Ale } 19. The touch control method according to claim 18,
wherein said correcting step includes:

calculating an average touch data by averaging
said touch data generated in said touch data

5 ~~generating step; and~~

when said correction values corresponding to
said touch data is different from the average touch
data calculated in said average touch data calculating
step, corrects said stored correction curve such that
10 ~~said correction value is said average touch data.~~

20. The touch control method according to claim 19,
further comprising:

displaying the strength of the keying power when
touch curve is generated.

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